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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	549242002300
	First Inventor	Charles E. HEGER
	Title	DUAL AXIS CAPACITIVE LEVEL SENSOR
	Express Mail Label No.	EV 332775941 US

03807 U.S. PTO
10/618403
07/11/03



APPLICATION ELEMENTS		ADDRESS TO:	
See MPEP chapter 600 concerning utility patent application contents.		Box Patent Application Commissioner for Patents Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i>		8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>	
3. <input checked="" type="checkbox"/> Specification [Total Pages 28]		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
ACCOMPANYING APPLICATIONS PARTS			
9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) - 2 pages 10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement + copy <input type="checkbox"/> Power of Attorney - 2 pages <i>(when there is an assignee) -2 pg</i>			
11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment			
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>			
16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). 17. <input type="checkbox"/> Other: _____			

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____

Group / Art Unit: _____

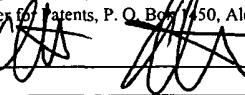
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		 * 2 5 2 2 6 *		or <input type="checkbox"/> Correspondence address below	
Name _____					
Address _____					
City	State	Zip Code			
Country	Telephone	Fax			
Name (Print/Type)	Norman R. Klivans		Registration No. (Attorney/Agent)	33,003	
Signature	<i>Norman R. Klivans</i>		Date	7/11/03	

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Label No. EV 332775941 US, in an envelope addressed to: MAIL STOP PATENT APPLICATION, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 11, 2003

Signature:  (Anthony Soljanich)

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 415.00)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Charles E. HEGER
Examiner Name	Not Yet Assigned
Group Art Unit	Not Yet Assigned
Attorney Docket No.	549242002300

PRO
10/618403
07/11/03

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number 03-1952

Deposit Account Name Morrison & Foerster LLP

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	375.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$)		375.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20 =	Extra Claims	Fee from below	Fee Paid
10	-20 =	0	x 9 =	0.00
Independent Claims 3	-3 =	0	x 42 =	0.00
Multiple Dependent			140 =	0.00

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)		0.00

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid		
1051	130	2051	65	Surcharge - late filing fee or oath			
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			
1053	130	1053	130	Non-English specification			
1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
1251	110	2251	55	Extension for reply within first month			
1252	410	2252	205	Extension for reply within second month			
1253	930	2253	465	Extension for reply within third month			
1254	1,450	2254	725	Extension for reply within fourth month			
1255	1,970	2255	985	Extension for reply within fifth month			
1401	320	2401	160	Notice of Appeal			
1402	320	2402	160	Filing a brief in support of an appeal			
1403	280	2403	140	Request for oral hearing			
1451	1,510	1451	1,510	Petition to institute a public use proceeding			
1452	110	2452	55	Petition to revive - unavoidable			
1453	1,300	2453	650	Petition to revive - unintentional			
1501	1,300	2501	650	Utility issue fee (or reissue)			
1502	470	2502	235	Design issue fee			
1503	630	2503	315	Plant issue fee			
1460	130	1460	130	Petitions to the Commissioner			
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
1806	180	1806	180	Submission of Information Disclosure Stmt			
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00		
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))			
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))			
1801	750	2801	375	Request for Continued Examination (RCE)			
1802	900	1802	900	Request for expedited examination of a design application			
Other fee (specify)							
SUBTOTAL (2)		(\$)		0.00			
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$)		
					40.00		

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)

SUBTOTAL (3) (\$)

40.00

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Norman R. Klivans	Registration No. (Attorney/Agent)	33,003	Telephone	(650) 813-5850
Signature	<i>Norman R. Klivans</i>			Date	July 11, 2003

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Charles E. HEGERApplication No./Patent No.: Not Yet Assigned Filed/Issue Date: Concurrently HerewithEntitled: DUAL AXIS CAPACITIVE LEVEL SENSOR

ZIRCON CORPORATION, a corporation
 (Name of Assignee) Type of Assignee, e.g., corporation, partnership, university, government
 agency, etc.

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
 The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

7/11/03
 Date

Charles E. HEGER

Typed or printed name

Charles E. Heger

Signature

CTO

Title